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1600

RAW SEQUENCE LISTING

DATE: 01/08/2004

PATENT APPLICATION: US/08/487,355B

TIME: 15:07:25

Input Set : N:\FANTU\08487355.txt

Output Set: N:\CRF4\01082004\H487355B.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:  
6 (i) APPLICANT: Barney, Shawn O.  
7 Lambert, Dennis M.  
8 Petteway, Stephen R.  
10 (ii) TITLE OF INVENTION: METHODS FOR INHIBITION OF MEMBRANE FUSION-  
11 ASSOCIATED EVENTS, INCLUDING HEPATITIS B VIRUS  
12 TRANSMISSION  
14 (iii) NUMBER OF SEQUENCES: 273  
16 (iv) CORRESPONDENCE ADDRESS:  
17 (A) ADDRESSEE: Pennie & Edmonds  
18 (B) STREET: 1155 Avenue of the Americas  
19 (C) CITY: New York  
20 (D) STATE: New York  
21 (E) COUNTRY: USA  
22 (F) ZIP: 10036-2711  
24 (v) COMPUTER READABLE FORM:  
25 (A) MEDIUM TYPE: Compact disk  
26 (B) COMPUTER: IBM PC compatible  
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
30 (vi) CURRENT APPLICATION DATA:  
C--> 31 (A) APPLICATION NUMBER: US/08/487,355B  
C--> 32 (B) FILING DATE: 07-Jun-1995  
33 (C) CLASSIFICATION:  
35 (viii) ATTORNEY/AGENT INFORMATION:  
36 (A) NAME: Coruzzi, Laura A.  
37 (B) REGISTRATION NUMBER: 30,742  
38 (C) REFERENCE/DOCKET NUMBER: 7872-027  
40 (ix) TELECOMMUNICATION INFORMATION:  
41 (A) TELEPHONE: (212) 790-9090  
42 (B) TELEFAX: (212) 869-9741/8864  
43 (C) TELEX: 66141 PENNIE  
46 (2) INFORMATION FOR SEQ ID NO: 1:  
48 (i) SEQUENCE CHARACTERISTICS:  
49 (A) LENGTH: 36 amino acids  
50 (B) TYPE: amino acid  
51 (C) STRANDEDNESS:  
52 (D) TOPOLOGY: unknown  
54 (ii) MOLECULE TYPE: peptide  
59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
61 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln  
62 1 5 10 15

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64 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu  
65 20 25 30  
67 Trp Asn Trp Phe  
68 35

70 (2) INFORMATION FOR SEQ ID NO: 2:  
72 (i) SEQUENCE CHARACTERISTICS:  
73 (A) LENGTH: 36 amino acids  
74 (B) TYPE: amino acid  
75 (C) STRANDEDNESS:  
76 (D) TOPOLOGY: unknown  
78 (ii) MOLECULE TYPE: peptide  
83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
85 Ser Ser Glu Ser Phe Thr Leu Leu Glu Gln Trp Asn Asn Trp Lys Leu  
86 1 5 10 15  
88 Gln Leu Ala Glu Gln Trp Leu Glu Gln Ile Asn Glu Lys His Tyr Leu  
89 20 25 30  
91 Glu Asp Ile Ser  
92 35

94 (2) INFORMATION FOR SEQ ID NO: 3:  
96 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 36 amino acids  
98 (B) TYPE: amino acid  
99 (C) STRANDEDNESS:  
100 (D) TOPOLOGY: unknown  
102 (ii) MOLECULE TYPE: peptide  
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
109 Tyr Thr Asn Thr Ile Tyr Thr Leu Leu Glu Glu Ser Gln Asn Gln Gln  
110 1 5 10 15  
112 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu  
113 20 25 30  
115 Trp Asn Trp Phe  
116 35

118 (2) INFORMATION FOR SEQ ID NO: 4:  
120 (i) SEQUENCE CHARACTERISTICS:  
121 (A) LENGTH: 36 amino acids  
122 (B) TYPE: amino acid  
123 (C) STRANDEDNESS:  
124 (D) TOPOLOGY: unknown  
126 (ii) MOLECULE TYPE: peptide  
131 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
133 Tyr Thr Gly Ile Ile Tyr Asn Leu Leu Glu Glu Ser Gln Asn Gln Gln  
134 1 5 10 15  
136 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Asn Leu  
137 20 25 30  
139 Trp Asn Trp Phe  
140 35

142 (2) INFORMATION FOR SEQ ID NO: 5:  
144 (i) SEQUENCE CHARACTERISTICS:  
145 (A) LENGTH: 36 amino acids

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146      (B) TYPE: amino acid
147      (C) STRANDEDNESS:
148      (D) TOPOLOGY: unknown
150      (ii) MOLECULE TYPE: peptide
155      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
157      Tyr Thr Ser Leu Ile Tyr Ser Leu Leu Glu Lys Ser Gln Thr Gln Gln
158      1          5          10          15
160      Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
161      20          25          30
163      Trp Asn Trp Phe
164      35
166 (2) INFORMATION FOR SEQ ID NO: 6:
168      (i) SEQUENCE CHARACTERISTICS:
169          (A) LENGTH: 36 amino acids
170          (B) TYPE: amino acid
171          (C) STRANDEDNESS:
172          (D) TOPOLOGY: unknown
174      (ii) MOLECULE TYPE: peptide
179      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
181      Leu Glu Ala Asn Ile Ser Lys Ser Leu Glu Gln Ala Gln Ile Gln Gln
182      1          5          10          15
184      Glu Lys Asn Met Tyr Glu Leu Gln Lys Leu Asn Ser Trp Asp Ile Phe
185      20          25          30
187      Gly Asn Trp Phe
188      35
190 (2) INFORMATION FOR SEQ ID NO: 7:
192      (i) SEQUENCE CHARACTERISTICS:
193          (A) LENGTH: 36 amino acids
194          (B) TYPE: amino acid
195          (C) STRANDEDNESS:
196          (D) TOPOLOGY: unknown
198      (ii) MOLECULE TYPE: peptide
203      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
205      Leu Glu Ala Asn Ile Ser Gln Ser Leu Glu Gln Ala Gln Ile Gln Gln
206      1          5          10          15
208      Glu Lys Asn Met Tyr Glu Leu Gln Lys Leu Asn Ser Trp Asp Val Phe
209      20          25          30
211      Thr Asn Trp Leu
212      35
214 (2) INFORMATION FOR SEQ ID NO: 8:
216      (i) SEQUENCE CHARACTERISTICS:
217          (A) LENGTH: 41 amino acids
218          (B) TYPE: amino acid
219          (C) STRANDEDNESS:
220          (D) TOPOLOGY: unknown
222      (ii) MOLECULE TYPE: peptide
227      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
229      Cys Gly Gly Asn Asn Leu Leu Arg Ala Ile Glu Ala Gln Gln His Leu
230      1          5          10          15
  
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232      Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu
233              20              25              30
235      Ala Val Glu Arg Tyr Leu Lys Asp Gln
236              35              40
238 (2) INFORMATION FOR SEQ ID NO: 9:
240      (i) SEQUENCE CHARACTERISTICS:
241          (A) LENGTH: 17 amino acids
242          (B) TYPE: amino acid
243          (C) STRANDEDNESS:
244          (D) TOPOLOGY: unknown
246      (ii) MOLECULE TYPE: peptide
251      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
253      Leu Gln Ala Arg Ile Leu Ala Val Glu Arg Tyr Leu Lys Asp Gln Gln
254      1              5              10              15
256      Gln
259 (2) INFORMATION FOR SEQ ID NO: 10:
261      (i) SEQUENCE CHARACTERISTICS:
262          (A) LENGTH: 38 amino acids
263          (B) TYPE: amino acid
264          (C) STRANDEDNESS:
265          (D) TOPOLOGY: unknown
267      (ii) MOLECULE TYPE: peptide
272      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
274      Gln Gln Leu Leu Asp Val Val Lys Arg Gln Gln Glu Met Leu Arg Leu
275      1              5              10              15
277      Thr Val Trp Gly Thr Lys Asn Leu Gln Ala Arg Val Thr Ala Ile Glu
278              20              25              30
280      Lys Tyr Leu Lys Asp Gln
281              35
283 (2) INFORMATION FOR SEQ ID NO: 11:
285      (i) SEQUENCE CHARACTERISTICS:
286          (A) LENGTH: 21 base pairs
287          (B) TYPE: nucleic acid
288          (C) STRANDEDNESS: single
289          (D) TOPOLOGY: linear
W--> 291      (ii) MOLECULE TYPE: DNA
296      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
298      ATGACGCTGA CCGTACAGGC C
299
300 (2) INFORMATION FOR SEQ ID NO: 12:
302      (i) SEQUENCE CHARACTERISTICS:
303          (A) LENGTH: 33 base pairs
304          (B) TYPE: nucleic acid
305          (C) STRANDEDNESS: single
306          (D) TOPOLOGY: linear
W--> 308      (ii) MOLECULE TYPE: DNA
313      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
315      TGACTAAGCT TAATACCACA GCCAATTTGT TAT
316
317 (2) INFORMATION FOR SEQ ID NO: 13:
319      (i) SEQUENCE CHARACTERISTICS:

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320      (A) LENGTH: 22 base pairs
321      (B) TYPE: nucleic acid
322      (C) STRANDEDNESS: single
323      (D) TOPOLOGY: linear
W--> 325      (ii) MOLECULE TYPE: DNA
330      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
332 GGAGCTGCTT GGGGCCCCAG AC                                22
334 (2) INFORMATION FOR SEQ ID NO: 14:
336      (i) SEQUENCE CHARACTERISTICS:
337          (A) LENGTH: 40 base pairs
338          (B) TYPE: nucleic acid
339          (C) STRANDEDNESS: single
340          (D) TOPOLOGY: linear
W--> 342      (ii) MOLECULE TYPE: DNA
347      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
349 CCAAATCCCC AGGAGCTGCT CGAGCTGCAC TATACCAGAC            40
351 (2) INFORMATION FOR SEQ ID NO: 15:
353      (i) SEQUENCE CHARACTERISTICS:
354          (A) LENGTH: 35 base pairs
355          (B) TYPE: nucleic acid
356          (C) STRANDEDNESS: single
357          (D) TOPOLOGY: linear
W--> 359      (ii) MOLECULE TYPE: DNA
364      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
366 ATAGCTTCTA GATTAAATTGT TAATTTCTCT GTCCC              35
368 (2) INFORMATION FOR SEQ ID NO: 16:
370      (i) SEQUENCE CHARACTERISTICS:
371          (A) LENGTH: 48 amino acids
372          (B) TYPE: amino acid
373          (C) STRANDEDNESS:
374          (D) TOPOLOGY: unknown
376      (ii) MOLECULE TYPE: peptide
379      (ix) FEATURE:
380          (A) NAME/KEY: Modified-site
381          (B) LOCATION: 1
C--> 382          (D) OTHER INFORMATION: /label= A
C--> 383 /note= "Preceeding this amino acid, there may be an amino group,
C--> 384 a hydrophobic group, an acetyl group, a
C--> 385 9-fluorenylmethoxycarbonyl group, or a macromolecular carrier
C--> 386 group."
388      (ix) FEATURE:
389          (A) NAME/KEY: Modified-site
390          (B) LOCATION: 48
391          (D) OTHER INFORMATION: /label= B
392 /note= "Following this amino acid, there may be a carboxyl
393 group, an amido group, a T-butyloxycarbonyl group, or a
394 macromolecular carrier group."
397      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
399      Tyr Thr Ser Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys

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